

Converting Colors

Hex(FF66FE)

Have a look what the booklet for
Hex(FF66FE) contains.

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Color

Hex(F666FE)

Conversions

Conversions Part 1

Format	Color
Hex	FF66FE
RGB	255, 102, 254
RGB Percent	100%, 40%, 100%
CMY	0.0000, 0.6000, 0.0039
CMYK	0.00, 0.60, 0.00, 0.00
HSL	300°, 100%, 70%
HSV	300°, 60%, 100%
XYZ	63.8808, 37.9185, 97.7180
YIQ	165.0750, 42.3960, 79.7080

Conversions

Conversions Part 2

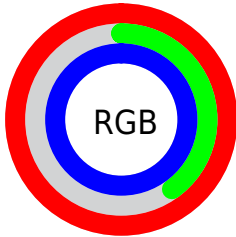
Format	Color
RYB	255, 102, 254
Decimal	16738046
CIELab	67.96, 76.07, -48.16
CIElCh	68, 90.035, 327.665
Yxy	37.9185, 0.3202, 0.1901
Android (android.graphics.Color)	4294928126 (0xFFFF66FE)
YUV	165.0750, 43.8400, 78.8642
Hunter-Lab	61.5780, 77.4137, -50.9826

Details

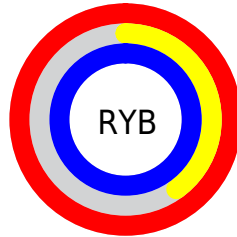
The Hex color **FF66FE** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **66FF67**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFA1FF**, and **C322C5** is the 20% darker color. If you saturate the color by 10%, you get **FF4DFE**, and if you desaturate by 10%, it is **FF80FE**.

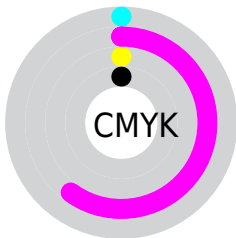
Distribution



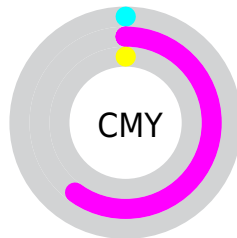
- Red (100%)
- Green (40%)
- Blue (100%)



- Red (100%)
- Yellow (40%)
- Blue (100%)



- Cyan (0%)
- Magenta (60%)
- Yellow (0%)
- Black (0%)



- Cyan (0%)
- Magenta (60%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF66FE changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color FF66FE by changing the saturation by 10% instead.

 FF66FE

 FF66FE

FFFFFF

 E147E1

 FFA1FF

 C322C5

 FFBEFF

 A600A9

 FFDCCF

 89008E

 FFFAFF

 6C0074

 50005B

 360042

 16002B

 000115

 FF66FE

 FF66FE

 FF4DFE

 FF80FE

 FF33FE

 FF99FE

 FF19FE

 FFB3FF

 FF00FD

 FFCCFF

 FFE6FF

FFFFFF

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8E93FF



FF66FE



FF3FB0

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



FF66FE



CDA000



00C9EF

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



FF66FE



66FF67

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



00C89D



FF66FE



7DB700

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



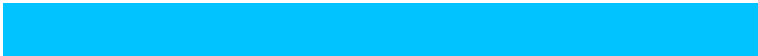
FF66FE



FF7D00



00C347



00C3FF

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FF66FE



FF457A



00C347



00C9D5

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



FF66FE



FFD1FF



6666FF



80637F



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



FF66FE



FF47FE



FF66B3



80737F



BF00BE



40003F

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



FF66FE



FF47FE



66FFB3



80737F



BF00BE



40003F

Previews

White Background



This preview shows how the Hex color FF66FE looks on a white background.

Color Contrast Check

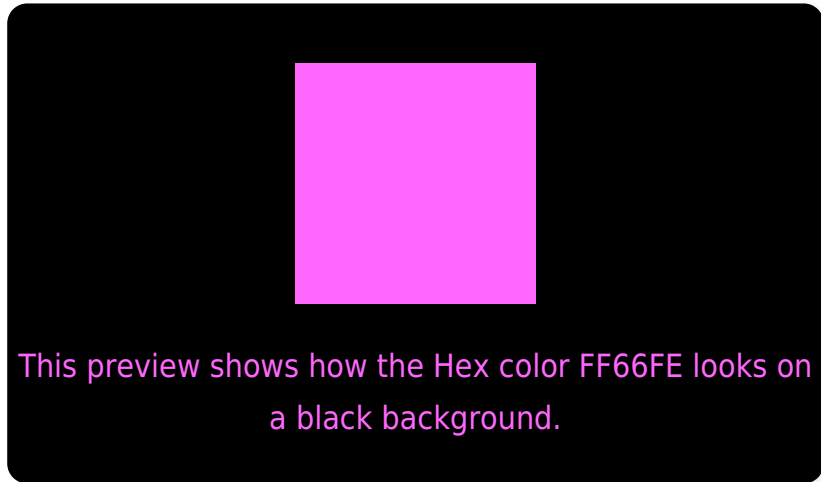
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex FF66FE Background



This preview shows how black text looks on a background with the Hex color FF66FE.

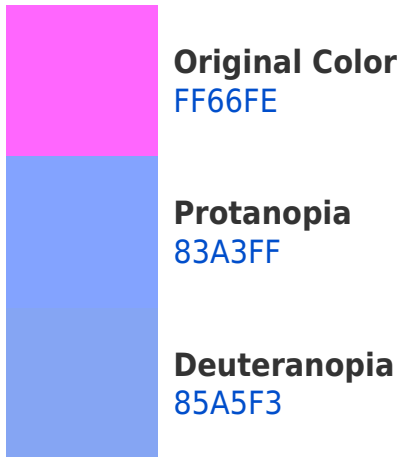



This preview shows how white text looks on a background with the Hex color FF66FE.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

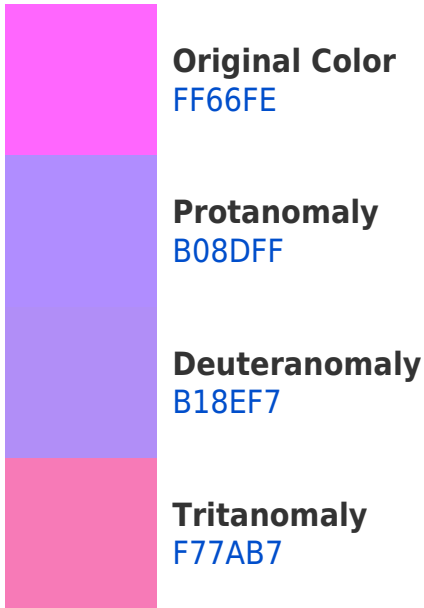
Dichromacy



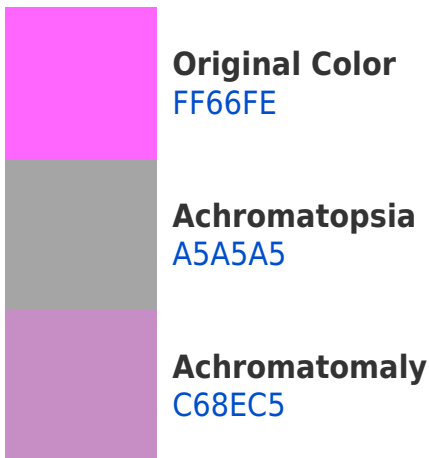


Tritanopia
F2858F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FF66FE is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #FF66FE looks like.

```
.text, #text, p{  
    color:#FF66FE  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #FF66FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF66FE
}
```

Border

The CSS property to change the border of an element to Hex FF66FE is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FF66FE }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#FF66FE }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #FF66FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF66FE; -webkit-box-shadow:4px 4px  
4px 4px #FF66FE; box-shadow:4px 4px 4px  
4px #FF66FE }
```

Background

The CSS property to change the background color of an element to Hex FF66FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF66FE }
```

If only the background color should be changed can be used:

```
.background{ background-color:#FF66FE }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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